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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.: 5470-107BDV3
DATE: November 6, 2001UTILITY PATENT APPLICATION TRANSMITTAL LETTER
AND FEE TRANSMITTAL FORM (37 CFR 1.53(b))J1017 U.S. PRO
10/008233
11/06/01BOX PATENT APPLICATION
Commissioner for Patents
Washington, DC 20231

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is:

- ☐ a patent application
☐ a Continuation ☒ a Divisional ☐ a Continuation-in-Part (CIP)
of prior application no.: 09/603,217; filed June 26, 2000.
☒ A Small Entity Statement(s) was filed in the prior application; Status still proper and desired.

Inventor(s) or Application Identifier:

H. Holden Thorp, Dean H. Johnston, Mary E. Napier, Carson R. Loomis, Mark F. Sistare, Jin-heung KimEntitled: **ELECTROCHEMICAL DETECTION OF NUCLEIC ACID HYBRIDIZATION**

Enclosed are:

1. ☒ Application Transmittal Letter and Fee Transmittal Form (*A duplicate is enclosed for fee processing*)
2. ☒ 74 pages of Specification (including 151 claims **as originally filed; but after Preliminary Amendment entered only 18 claims**)
 - ☒ 11 sheets of Formal Drawings as originally filed **and accepted** in parent (35 USC 113)
3. ☒ Oath or Declaration
 - a. ☐ newly executed (*original or copy*)
 - b. ☒ copy from prior application (37 CFR 1.63(d) (*for continuation/divisional*) [Note Box 5 Below]
 - c. ☐ **DELETION OF INVENTOR(S)** (*Signed statement deleting inventor(s) named in the prior application*)
5. ☒ Incorporation By Reference (*useable if box 4b is checked*)
 The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ Microfiche Computer Program (*Appendix*)
7. ☒ Assignment papers (*cover sheet(s) and document(s)*) **Filed in grandparent application**
8. ☒ Small Entity Statement(s) **Filed in grandparent application**
9. ☐ Information Disclosure Statement, PTO-1449, and _____ references cited
10. ☒ Preliminary Amendment (*Please enter all claim amendments prior to calculating the filing fee.*)
11. ☐ English Translation Document
12. ☐ Certified Copy of

J1054 U.S. PRO
11/06/01

J1008233, 11/06/01

In re: Thorp, et al.
Filed: November 6, 2001

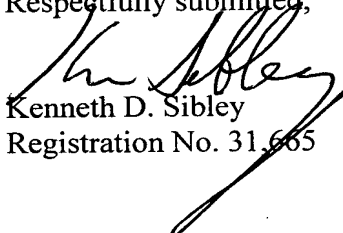
13. ☐ Sequence Listing/ Sequence Listing Diskette
a. ☐ computer readable copy
b. ☐ paper copy
c. ☐ statement in support
14. ☐ An Associate Power of Attorney
15. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
16. ☐ Other:

The fee has been calculated as shown below:

	Column 1 No. Filed	Column 2 No. Extra	Small Entity Rate Fee	Large Entity Rate Fee
BASIC FEE			\$370.00	\$740.00
TOTAL CLAIMS	18 - 20 =	0	x 09 = \$	x 18 = \$
INDEP CLAIMS	5 - 3 =	2	x 42 = \$84.00	x 84 = \$
<input type="checkbox"/> MULTIPLE Dependent Claims Presented			+ 140 = \$	+ 280 = \$
If the difference in Col. 1 is less than zero, Enter "0" in Col. 2			Total \$454.00	Total \$

- ☒ A check in the amount of \$454.00 to cover the filing fee is enclosed.
- ☐ A check in the amount of \$ is enclosed to cover the filing fee, PLUS the Assignment Recordation fee (\$40.00).
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0220.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,


Kenneth D. Sibley
Registration No. 31,665



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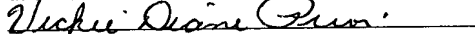
PATENT TRADEMARK OFFICE

CERTIFICATE OF EXPRESS MAILING

Express Mail Label No. EL920741385US

Date of Deposit: November 6, 2001

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box Patent Application, Commissioner For Patents, Washington, DC 20231.



Vickie Diane Prior

Date of Signature: November 6, 2001

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

12/13/2001 HTECKLU1 00000083 10008233

01 FC:201	370.00 OP
02 FC:202	84.00 OP

Variable	Mean	SD	Min	Max
Age	38.5	10.5	25	55
Gender	0.5	0.5	0	1
Marital status	0.5	0.5	0	1
Education	12.5	1.5	10	15
Income	15.5	5.5	10	25
Health status	1.5	0.5	1	2
Stress level	2.5	1.5	1	4
Life satisfaction	3.5	1.5	1	5
Work satisfaction	3.5	1.5	1	5
Family satisfaction	3.5	1.5	1	5
Community satisfaction	3.5	1.5	1	5
Overall satisfaction	3.5	1.5	1	5
Life expectancy	75.5	5.5	65	85
Quality of life	4.5	1.5	1	5
Healthcare access	3.5	1.5	1	5
Healthcare quality	3.5	1.5	1	5
Healthcare cost	3.5	1.5	1	5
Healthcare coverage	3.5	1.5	1	5
Healthcare satisfaction	3.5	1.5	1	5
Healthcare utilization	3.5	1.5	1	5
Healthcare expenditure	3.5	1.5	1	5
Healthcare performance	3.5	1.5	1	5
Healthcare innovation	3.5	1.5	1	5
Healthcare reform	3.5	1.5	1	5
Healthcare policy	3.5	1.5	1	5
Healthcare regulation	3.5	1.5	1	5
Healthcare governance	3.5	1.5	1	5
Healthcare leadership	3.5	1.5	1	5
Healthcare vision	3.5	1.5	1	5
Healthcare mission	3.5	1.5	1	5
Healthcare values	3.5	1.5	1	5
Healthcare culture	3.5	1.5	1	5
Healthcare climate	3.5	1.5	1	5
Healthcare environment	3.5	1.5	1	5
Healthcare system	3.5	1.5	1	5
Healthcare organization	3.5	1.5	1	5
Healthcare structure	3.5	1.5	1	5
Healthcare process	3.5	1.5	1	5
Healthcare outcome	3.5	1.5	1	5
Healthcare impact	3.5	1.5	1	5
Healthcare contribution	3.5	1.5	1	5
Healthcare legacy	3.5	1.5	1	5
Healthcare reputation	3.5	1.5	1	5
Healthcare brand	3.5	1.5	1	5
Healthcare identity	3.5	1.5	1	5
Healthcare image	3.5	1.5	1	5
Healthcare perception	3.5	1.5	1	5
Healthcare belief	3.5	1.5	1	5
Healthcare attitude	3.5	1.5	1	5
Healthcare behavior	3.5	1.5	1	5
Healthcare intention	3.5	1.5	1	5
Healthcare motivation	3.5	1.5	1	5
Healthcare commitment	3.5	1.5	1	5
Healthcare loyalty	3.5	1.5	1	5
Healthcare trust	3.5	1.5	1	5
Healthcare confidence	3.5	1.5	1	5
Healthcare respect	3.5	1.5	1	5
Healthcare dignity	3.5	1.5	1	5
Healthcare autonomy	3.5	1.5	1	5
Healthcare privacy	3.5	1.5	1	5
Healthcare security	3.5	1.5	1	5
Healthcare safety	3.5	1.5	1	5
Healthcare risk	3.5	1.5	1	5
Healthcare hazard	3.5	1.5	1	5
Healthcare threat	3.5	1.5	1	5
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Healthcare peril	3.5	1.5	1	5
Healthcare jeopardy	3.5	1.5	1	5
Healthcare hazard	3.5	1.5	1	5
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Healthcare peril	3.5	1.5	1	5
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Healthcare hazard	3.5	1.5	1	5
Healthcare risk	3.5	1.5	1	5
Healthcare threat	3.5	1.5	1	5
Healthcare danger	3.5	1.5	1	5
Healthcare peril				

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Vickie Diane Provi

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